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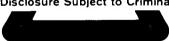
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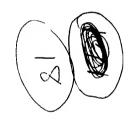


Intelligence Sources or Methods Involved

NATIONAL SECURITY INFORMATION

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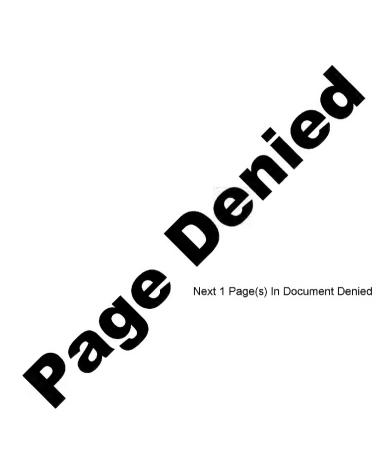


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Sanitized Copy Approved for Release 2010/07/21: CIA-RDP85T00060R000300180001-2 SECRET 25X1 (c) NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER Attachment to Z-18807/84 Page $\underline{1}$ of $\underline{2}$ NPIC/IEG/SMSD Copy____ 28 NOVEMBER 1984 GLADIATOR TELAR/TRANSLOADER PRODUCTION AT SVERDLOVSK SVERDLOVSK & EMBA, USSR 25X1 1. SIGNIFICANCE: PRODUCTION OF THE TRANSPORTER-ERECTOR-LAUNCHER-AND-RADAR (TELAR)/TRANSLOADER FOR THE GLADIATOR SUBSYSTEM OF THE SA-X-12 SURFACE-TO-AIR MISSILE (SAM) SYSTEM HAS BEEN CONFIRMED AT SVERDLOVSK GUIDED MISSILE PRODUCTION PLANT 8. 2. REMARKS: SIGHTINGS OF SINGLE TELAR/TRANSLOADERS HAVE OCCURRED AT THE PLANT THROUGHOUT 1983 AND 1984. IN RELATED ACTIVITY, AN INCREASE IN GLADIATOR EQUIPMENT WAS SEEN AT EMBA MISSILE TEST CENTER (MTC) OPERATIONS SUPPORT AREA SINCE APRIL 1984. EMBA IS THE RESEARCH AND DEVELOPMENT FACILITY FOR THE SA-X-12 SYSTEM. (SWN) THE FIRST SIGHTING OF THE GLADIATOR TELAR/TRANSLOADER AT WHEN ONE CANVAS-COVERED 25X1 SVERDLOVSK WAS ON TELAR/TRANSLOADER WAS IN THE SHIPPING MODE IN THE SAM TEL TRANSSHIPMENT YARD AT THE PLANT. THIS VEHICLE HAD PREVIOUSLY BEEN IDENTIFIED AS A BILL BOARD LONG-RANGE, TARGET-ACQUISITION RADAR IN THE TRAVEL MODE (NPIC EVENING HIGHLIGHT CABLE 83-0044 FOR 11 JANUARY 1983). SPORADIC, SINGLE SIGHTINGS OF TELAR/ TRANSLOADERS CONTINUED THROUGHOUT 1983 AND 1984. THE MOST (SWN) 25X1 RECENT SIGHTING WAS ON THE NUMBER OF GLADIATOR TELAR/TRANSLOADERS STORED AT EMBA MTC OPERATIONS SUPPORT AREA HAS GRADUALLY INCREASED TO REACH A HIGH (NOT ALL VEHICLES ON GRAPHIC), (NPIC IAC 25X1 THIS EQUIPMENT BEGAN ARRIVING IN 561 FOR 23 NOVEMBER 1984). APRIL 1984. SOME OF THE EQUIPMENT WAS IN THE SHIPPING MODE, WHICH IS WHEN THE TWO OUTER CANISTER CRADLES ON THE VEHICLE ARE FOLDED/REMOVED AND ATTACHED TO THE REAR OF THE VEHICLE TO FORM AN OVERHANG. PRIOR TO THIS TIME, THIS MODE HAD NOT BEEN OBSERVED AT EMBA, ALTHOUGH ALL OF THE VEHICLES AT SVERDLOVSK HAVE BEEN SEEN IN THIS MODE. THE EQUIPMENT IS THEN TRANSFORMED INTO ITS NORMAL TRAVEL MODE, WITH ALL FOUR CANISTER CRADLES 25X1 ALL FOLDED OVER THE CHASSIS OF THE VEHICLE. AS OF OF THE EQUIPMENT WAS IN TRAVEL MODE AND WAS UNDERGOING CHECKOUT/MAINTENANCE. (SWN) 25X1 These notes have been prepared for briefing purposes only and should not be used for detailed analytical work Their use should be restricted to the particular briefing board(s) they were prepared for and must be considered valid only for the reporting period as indicated by the date of issue. WARNING NOTICE INTELLIGENCE SOURCES OR METHODS INVOLVED SECRET 25X1

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ANALYST'S COMMENTS -- THE SA-X-12 IS A NEW SAM SYSTEM THAT IS PRESENTLY UNDERGOING RESEARCH AND DEVELOPMENT AT EMBA AND IS ASSESSED TO BE THE REPLACEMENT FOR THE SA-4. IT CONSISTS OF TWO SUBSYSTEMS, THE GLADIATOR AND GIANT, EACH OF WHICH HAS UNIQUE TELAR AND TRANSLOADERS, BUT SHARE THE SAME RADARS AND COMMAND AND CONTROL VEHICLES. THE GLADIATOR SUBSYSTEM WILL BE UNDERGOING TROOP TRAINING AT EMBA, PROBABLY IN SPRING 1985. THE GIANT SUBSYSTEM IS STILL IN RESEARCH AND DEVELOPMENT AT EMBA AND IS NOT EXPECTED TO BE DEPLOYED UNTIL 1986. (SWN)

SVERDLOVSK PLANT 8 IS ASSOCIATED WITH THE PRODUCTION OF THE SA-4 MISSILE/CANISTER. HOWEVER, IN MID-1983 THE CANISTER COUNT AT THE PLANT DROPPED TO NEAR ZERO. IT IS POSSIBLE THAT THE SOVIETS HAVE STOCKPILED ENOUGH SA-4 MISSILES TO SUPPLY DOMESTIC AS WELL AS EXPORT NEEDS FOR THE OPERATIONAL SITES UNTIL THE SA-X-12 IS DEPLOYED TO REPLACE THEM. THIS REDUCED PRODUCTION OF SA-4 COULD BE RELATED TO THE PRODUCTION OF SA-X-12 EQUIPMENT. BOTH THE GLADIATOR AND GIANT ARE EXPECTED TO BE PRODUCED HERE, HOWEVER, ONLY THE GLADIATOR HAS BEEN OBSERVED SO FAR. (SWN)

3.	COORDINATES 56-52-1 COORDINATES 48-42-0	2N 060-37-05E (S) 0N 058-05-00E (S)	25X1
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